

Curriculum Vitae

Judah Epstein

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Education

University of Texas at Dallas – M.S. Geosciences

Thesis: Sedimentary Water Filtration in a Planetary Environment

University of Texas at Dallas – M.S. Management & Administrative Sciences: Innovation &

Entrepreneurship

Southern Methodist University – B.S. Electrical Engineering

Experience

Brookhaven College – Adjunct Geology Faculty 2013 – Present

GEOL 1403 Physical Geology. Developed course GEOL 2307, Geological Field Methods.

United States Air Force Reserve – Civil Engineer Officer 2016 – Present

Merrill Lynch – Corporate Energy Finance 2015 – Present

Schlumberger – General Field Engineer 2013 – 2014

Wireline Special Services Engineer conducting Open Hole and Cased Hole horizontal well conveyance operations for geological well logging throughout North America. Field jobs include reservoir evaluation, geo-seismic monitoring, gravimeter, radioactive surveys, cement bond logs, spectrometry, and perforating.

Scientipreneur – President, Consulting Geologist / Engineer 2011 – 2015

Business formation through matching entrepreneurs with innovators of scientific & technical innovations.

Welltec – International Field Engineer 2011 – 2012

Offshore deepwater well completions in Equatorial Guinea, West Africa. Drilling operations in USA land.

Production well operations in Vankor, northern Siberia in the Arctic tundra.

Texas State Guard – Lieutenant 2004 – 2012

Military Police security at Red Cross shelters for hurricane evacuees during Hurricane Katrina and Rita.

Medical support during hurricanes and several missions of Operation Lone Star on the TX / Mexico border.

Welltec – Engineer In Charge / Field Engineer 2007 – 2009

Operated, maintained, troubleshoot, and repaired well tractor and specialty electrical/mechanical/hydraulic downhole robotic tools for use in the oil/gas/coal industry for horizontal well conveyance operations.

Patents, Honors, and Publications

Patent Pending – Downhole Well Submarine Conveyance Apparatus. 61/728,232. Nov. 19, 2012.

Patent Pending – EasyShot – Sub-gauge shotgun hull. 20040237828. March 24, 2003.

NASA Astronaut Selection – “Highly Qualified”. 2012

Recipient of NASA Spaceward Bound Scholarship for participation in Mars Desert Research Station. 2009

Recipient of the Society of Petroleum Engineers Mid-Continent North America Regional Service

Award: Outstanding Young Member. 2009.

Awarded Texas Humanitarian Service Ribbon for TX State Guard service during Hurricane Katrina.

“The Amazon Jungle Marathon: World’s Toughest Foot Race” – Texas Civil Air Patrol Group III Newsletter. 2007.

“Sedimentary Water Filtration in a Planetary Environment” – University of Texas at Dallas ProQuest/UMI ETD. RefWorks. 2011.

“Experiences of an Expedition at the Mars Desert Research Station” – MarsPapers. Mars Society Proceedings. 2011.

“Sedimentary Water Filtration in a Planetary Environment” – MarsPapers. Mars Society Proceedings. 2011.